LOW PROFILE INK JET CARTRIDGE ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A low-profile ink jet cartridge assembly for an ink jet printer. The low profile ink jet cartridge assembly includes a substantially rectangular ink jet cartridge body having a printhead side, opposing side surfaces attached to the printhead side and a length, a height, and a width, wherein the length is greater than the height and the width. A printhead containing a semiconductor substrate is attached to the printhead side of the ink cartridge. A flexible circuit having a width, a length, a first edge along the length thereof, a second edge along the length thereof, first printer contact pads along at least a portion of the length thereof adjacent the first edge, and second printer contact pads along at least a portion of the length thereof adjacent the second edge is attached to the ink cartridge on the opposing side surfaces of the cartridge body.

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